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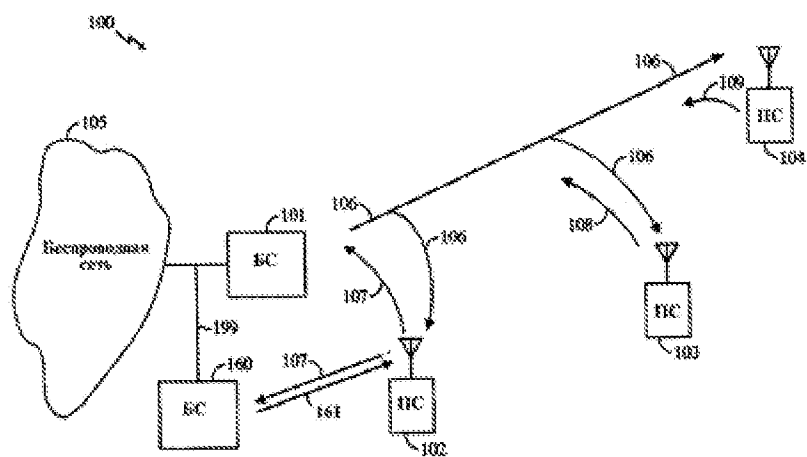
**(19) RU⁽¹¹⁾ 2316132⁽¹³⁾ C2****(51) IPC
H04L 29/08 (2006.01)**FEDERAL SERVICE
FOR INTELLECTUAL PROPERTY,
PATENTS AND TRADEMARKS**(12) DESCRIPTIONS OF INVENTION** To the patent of Russian FederationDocument: **PDF****(21)** Application number registered: **2004135385/09****(22)** Application filing date: **2003.05.06****(30)** Priority data: **10/140,087 2002.05.06 US****(24)** Date started of validity of the patent: **2003.05.06****(43)** Unexamined printed documents without grant:
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20.02.2000. RU 2128406 C1, 27.03.1999. EP
1024623 A2, 02.08.2000. US 6314101, 06.11.2001.
3G TS 25.322 v.3.1.2, 1999. GB 2332343 A,
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"Juridicheskaja firma Gorodisskij i
Partnery", pat.pov. Ju.D.Kuznetsovu,
reg.№ 595**(54) METHOD AND DEVICE FOR INCREASING AMOUNT OF AUTOMATIC
TRANSMISSION REPEAT REQUESTS OF PHYSICAL LEVEL IN WIRELESS DATA
TRANSMISSION SYSTEMS**

FIELD: communication systems.

SUBSTANCE: control system and receiver-transmitter are configured to determine data transmission speed control value and for transmission of maximal amount of time slots allowed for transmission of physical level data packet. After detection of normal transmission termination, threshold values of decoding are corrected to decode positive confirmation message and decoding of confirmation channel is repeated with corrected threshold values. Physical level data packet is relayed at least one more time after that on basis of whether repeated decoding of confirmation channel produces negative confirmation message. Relaying may be based on level of traffic capacity for transmissions between base station and mobile station.

EFFECT: increased efficiency of resource usage.

6 cl, 13 dwg



ΦΗΓ. 1